FIG. 1

CHARGING SYSTEM OVERVIEW OF A STORAGE SYSTEM

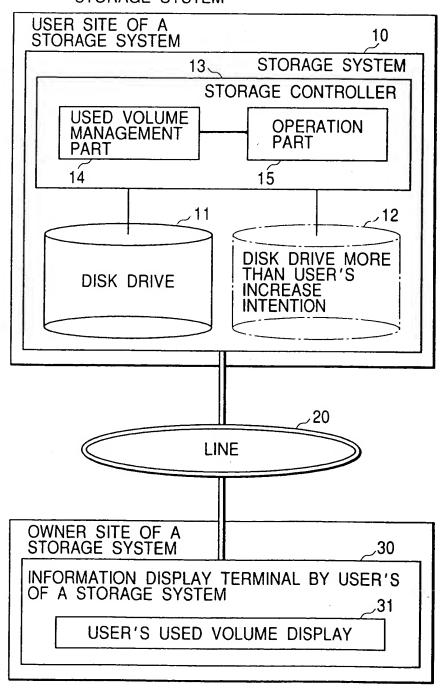


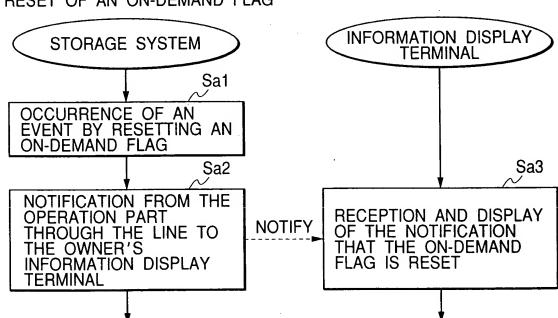
FIG. 2

MANAGEMENT TABLE OF A DISK CONTROL UNIT OF A STORAGE SYSTEM

ON-DEMAND VOLUME	ON-DEMAND FLAG ATTRIBUTE (SET/RESET)	RESET TIME (DATE AND TIME)
xxGB	RESET	yymmddhhmmss
xxGB	RESET	yymmddhhmmss
xxGB	SET	·
xxGB	SET	*
xxGB	SET	

FIG. 3

INFORMATION FLOW OF A STORAGE SYSTEM AND AN INFORMATION DISPLAY TERMINAL AT RESET OF AN ON-DEMAND FLAG



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FIG. 4

INFORMATION FLOW OF A STORAGE SYSTEM AND AN INFORMATION DISPLAY TERMINAL AT CONFIRMATION (INQUIRING) OF INFORMATION

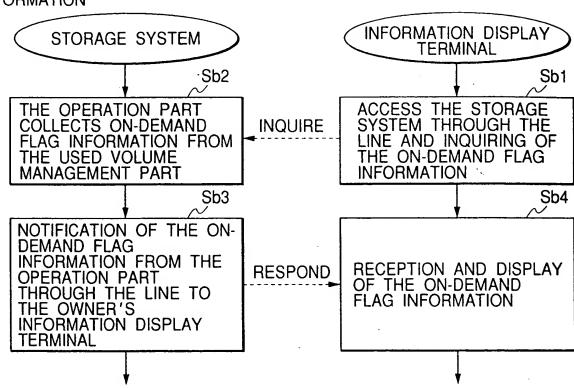


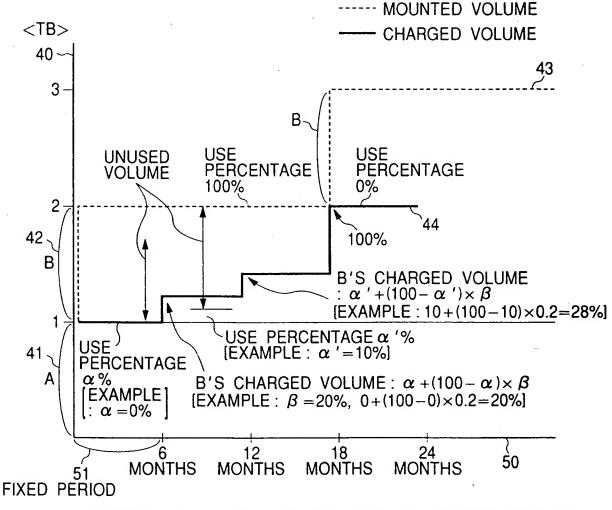
FIG. 5

EXAMPLE OF AN INFORMATION MANAGEMENT TABLE BY USERS OF A STORAGE SYSTEM

	USER A	USER B	USER C
USER ID	XXXXXXX	XXXXXXX	XXXXXXX
USED VOLUME	xxGB	xxGB	xxGB
ADDED VOLUME	xxGB	xxGB	xxGB
USE PERIOD	x YEAR/x MONTH/x DAY TO x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY TO x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY TO x YEAR/x MONTH/x DAY
USE STARTING DATE	x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY	x YEAR/x MONTH/x DAY
ALLOCATED VOLUME	VOL. 1, VOL. 2	VOL. 3, VOL. 4	VOL. 5, VOL. 6
USE UNIT COST	x¥/MONTH	x¥/MONTH	x¥/MONTH

FIG. 6

CHARGED VOLUME TRANSITION DIAGRAM TO THE DISK VOLUME OF A STORAGE SYSTEM



DECISION OF A "USED VOLUME" AND AN "UNUSED VOLUME" AFTER 6 MONTHS ELAPSE A TOTAL CHARGED VOLUME FOR THE NEXT 6 MONTHS IS A+B USED VOLUME+ (B'S UNUSED VOLUME×CHARGING PERCENTAGE \$\beta\$%)

FIG. 7

FLOWCHART OF A CHARGING METHOD TO THE DISK VOLUME OF A STORAGE SYSTEM

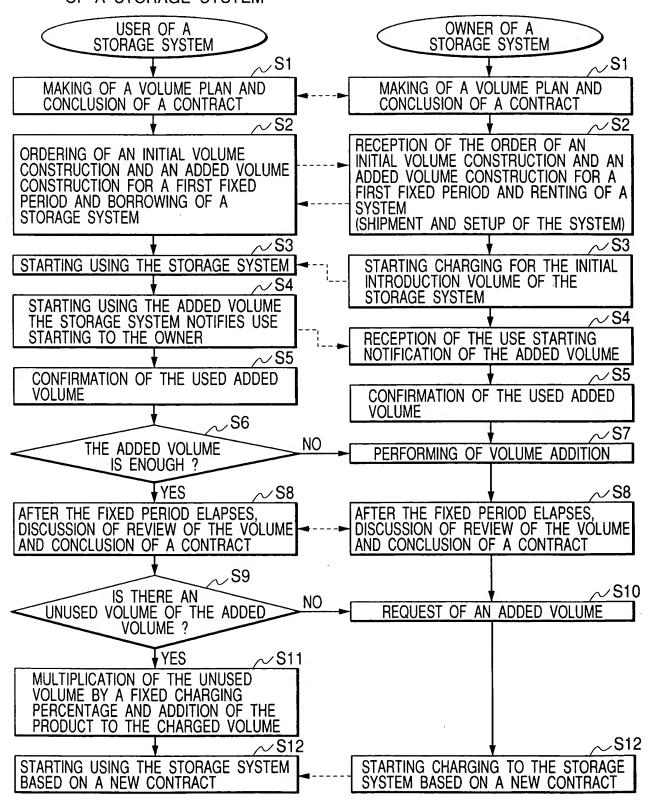
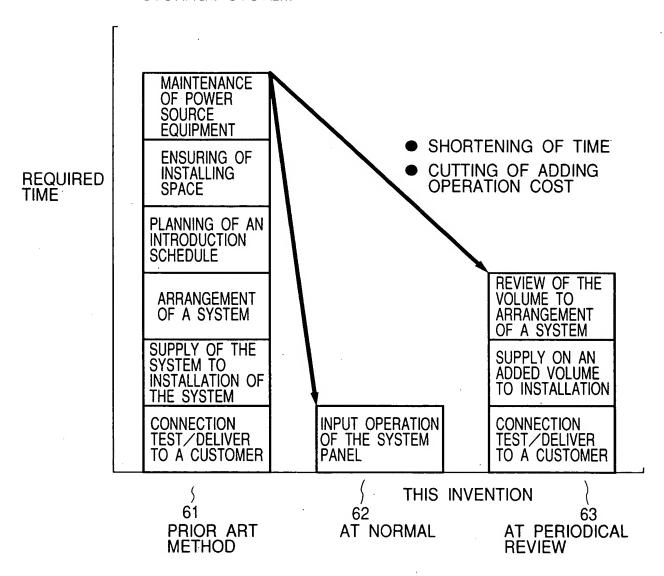


FIG. 8

TIME REQUIRED FOR VOLUME ADDITION TO A STORAGE SYSTEM



PRIOR ART

FIG. 9

INITIAL INVESTED VOLUMES TO A STORAGE SYSTEM

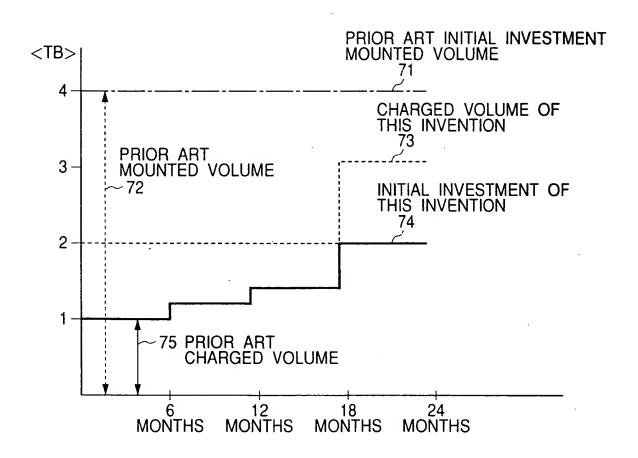
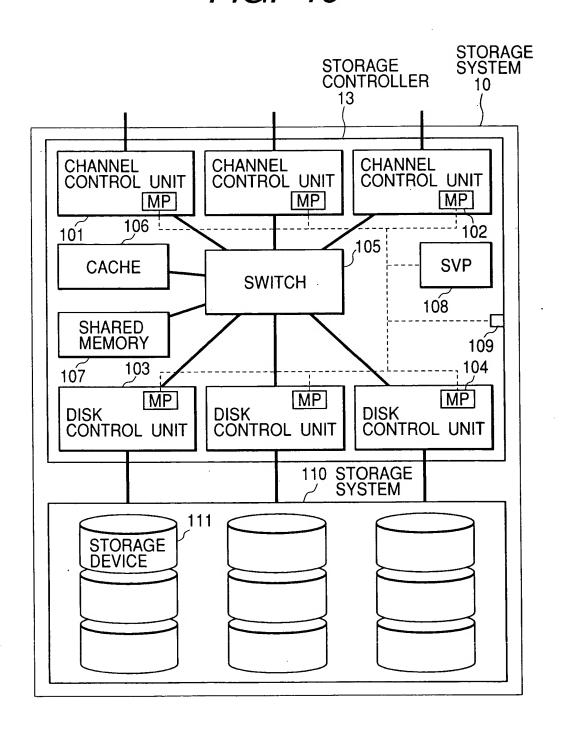
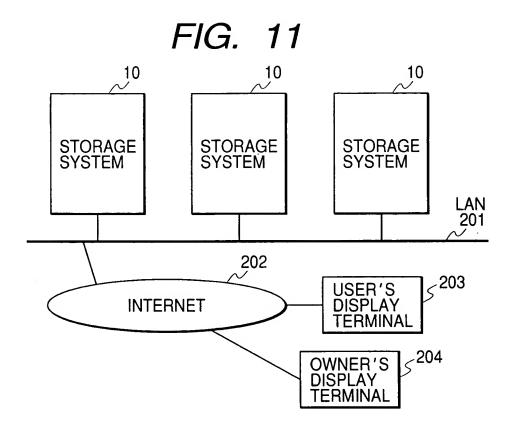


FIG. 10





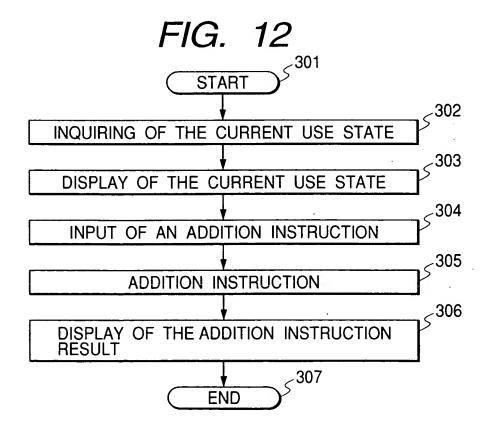
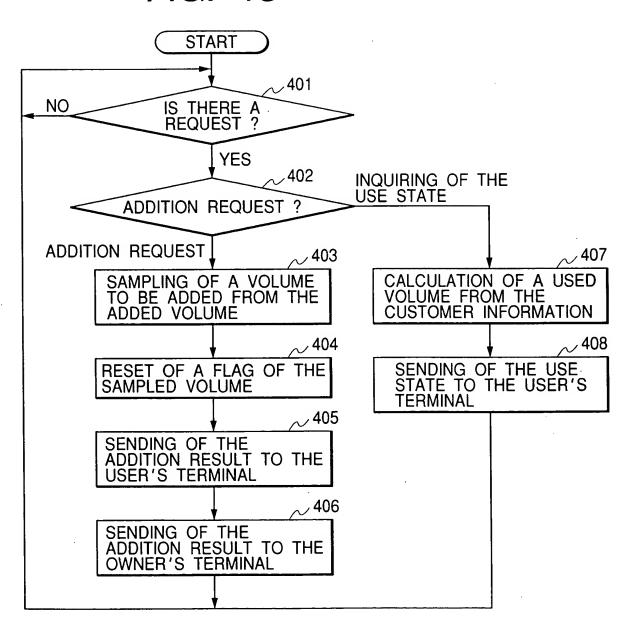


FIG. 13



START

501

NO IS THERE A REQUEST?

ADDITION REQUEST

CHECK OF VALIDITY OF THE CUSTOMER INFORMATION

CHECK OF S/N OF THE ADDED SYSTEM

UPDATING OF THE CUSTOMER CHARGING TABLE

504

FIG. 15

STORAGE SYSTEM USE	D VOLUME ADDITION ASSI	STANCE S	SCREEN 🗆 🗖 🗵		
STORAGE SYSTEM USED VOLUME ADDITION ASSISTANCE SCREEN					
INPUT THE FOLLOWING TO SELECT THE BUTTON INQUIRE					
PRODUCT TYPE NAME	STORAGE-TYPE A]~ 601 [∟]			
PRODUCTION NUMBER	34QS1234567890		604		
USER SUPPORT ID	34QS1625345] ∼603			
			END		

FIG. 16

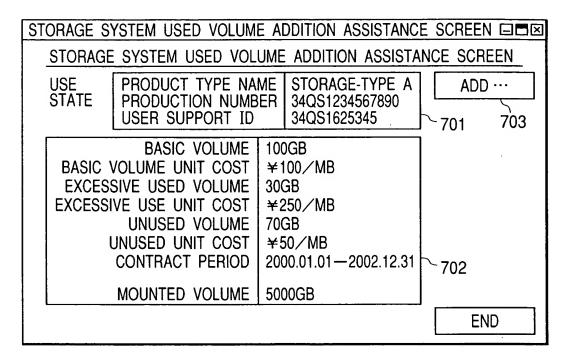


FIG. 17

